



Universität Hamburg

DER FORSCHUNG | DER LEHRE | DER BILDUNG

26.02.2024

[Summer School 2024: Health Economics]

[Module 1]

[Course 1b: Health Economic Evaluation and Modelling]

[Course description]

### **Title: Health Economic Evaluation and Modelling**

Lecturer: Prof. Dr. Tom Stargardt

Course duration in academic hours: 18 hrs

Credits (ECTS): 3 credits in combination with course 1a

#### Course description

This course lectures on how to conduct health economic evaluation of health-related technologies using cost-effectiveness (CEA) and/or cost-utility analysis (CUA). The first part includes detailed lectures on the costing of health care interventions as well as on measuring effectiveness and quality of life. In the second part, we concentrate on modelling CEAs and CUAs using decision-trees and markov models. Students are also taught on how to conduct deterministic and probabilistic sensitivity analyses. The course follows a hands-on approach that combines lectures with a practical application in exercises.

Notice: The program is subject to change.

In cooperation with:

